

Block Cooler



CB-1

CE

Moisture free on the bench is the main focus of Block Cooler; nine preset temperature programs satisfy different applications from 0 - 75°C with +/- 0.5°C accuracy. OFFSET function is designed for self-temperature calibration, and multi-color LED is used as status indicator light; Orange-running, Red-heating, Green-cooling and OK-ready to work.

Features

- Preset temperature programs for specific applications
- Cost-effective controlled temperature apparatus
- Electric ice cube in every laboratory
- Block heater and cooler in one unit

Applications

- Education, university, academic and research institute
- Analytical chemistry, colorimetric laboratory
- Food industrial and inspection laboratory
- Drug discovery, Biotechnology company
- Proteomics, genomics core facility
- Enzyme reaction, immunology
- Reagent storage

Specifications

Temperature range	0°C to 75°C
Pre-set temperatures	9 (0, 4, 16, 25, 37, 42, 55, 65, and 72°C)
Temperature accuracy	+ / - 0.5°C full range
Cooling performance	35 minutes (from 25°C to 0°C)
Temperature control	PID microprocessor controlled
Temperature calibration	Pre-calibrated
Display	LCD display
Heating / Cooling element	Peltier
Over temperature cutoff	100°C
Power	AC 100 - 240 V, 50 - 60Hz with 75 Watt
Cabin dimensions (mm)	107 x 71 x 38 (W x D x H)
Physical dimensions (mm)	200 x 304 x 184 (W x D x H)
Weight (kg)	6.5
Certification	CE

The spec is subject to change without prior notice.

Block					
Material	Aluminum				
Size (mm)	107 x 71 x 38 (W x D x H)				
Surface treatment	Solid anodized				
Block type	48 well Multi-size				35 well
Tube size (ml)	8 x 0.2	21 x 0.5	15 x 1.5	4 x 2.0	35 x 1.5
Hole i.d. (mm)	6.5	8	11	13	11
Hole depth (mm)	20	29	34.5	34.5	34.5

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Ordering Information

Catalog No.	Description
1093001	CB-1 Block Cooler, Block Cooling / Heating drybath with built incubation program and 48-well aluminum block, 100 - 240 VAC / 50 - 60Hz
1093002	CB-1 Block Cooler, Block Cooling / Heating drybath with built incubation program and 35-well aluminum block (for 1.5ml tube), 100 - 240 VAC / 50 - 60Hz
Accessories	
1093101	48-well aluminum block for CB-1
1093102	35-well aluminum block (1.5ml tube) for CB-1
1093201	48-well Rubber for block * 1
1093202	35-well Rubber for block * 1
1092104	Block Extractor



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